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TABLE II  
COMPUTED COVERAGE DATA  
FOR THE PROPOSED FM OPERATION AT  
LA CROSSE, WISCONSIN  
JANUARY 1991

<u>Radial</u> <u>Bearing</u> <u>N °E,T</u>	<u>Average*</u> <u>Elevation</u> <u>3 to 16 km</u> <u>meters</u>	<u>Height Above</u> <u>Average Terrain</u> <u>meters</u>	<u>Predicted Distance</u> <u>to Contour</u>	
			<u>3.16 mV/m</u> <u>km</u>	<u>1 mV/m</u> <u>km</u>
0	284.0	104.6	22.0	37.1
45	286.9	101.7	21.7	36.6
90	307.7	80.9	19.3	33.0
135	309.9	78.7	19.0	32.6
180	281.1	107.5	22.3	37.5
225	243.6	145.0	25.7	42.3
270	206.6	182.0	28.5	46.5
315	236.3	152.3	26.3	43.2

Channel 292C3 (106.3 mHz)  
 Effective Radiated Power 18 kW (12.55 dBk)  
 Average Elevation 3 to 16 km 269.5 meters AMSL  
 Center of Radiation 388.6 meters AMSL  
 Antenna Height Above Average Terrain 119.1 (119) meters

North Latitude: 43° 46' 07"  
 West Longitude: 91° 11' 55"

\* Based on NGDC 30-second data base  
 ( ) Rounded to nearest meter

ABOVE  
GROUND

ABOVE  
MEAN SEA LEVEL

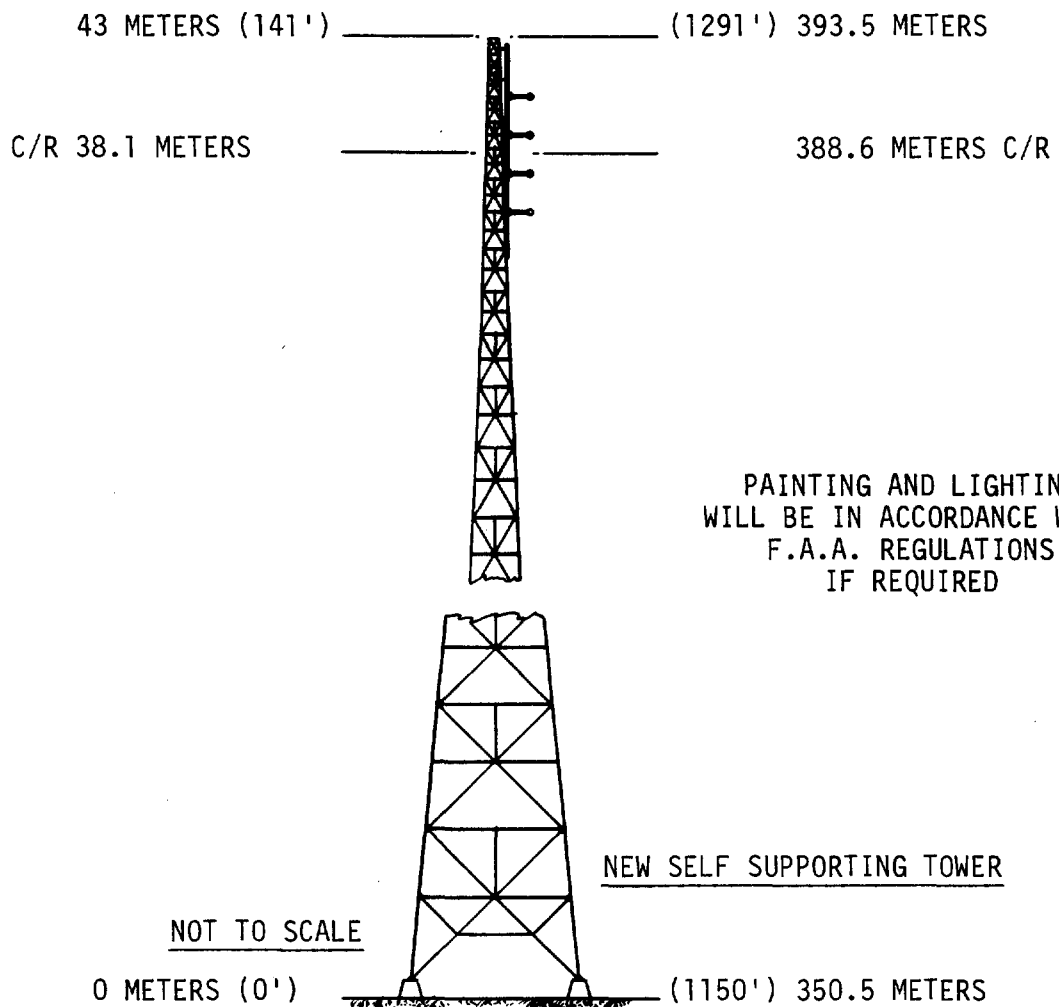
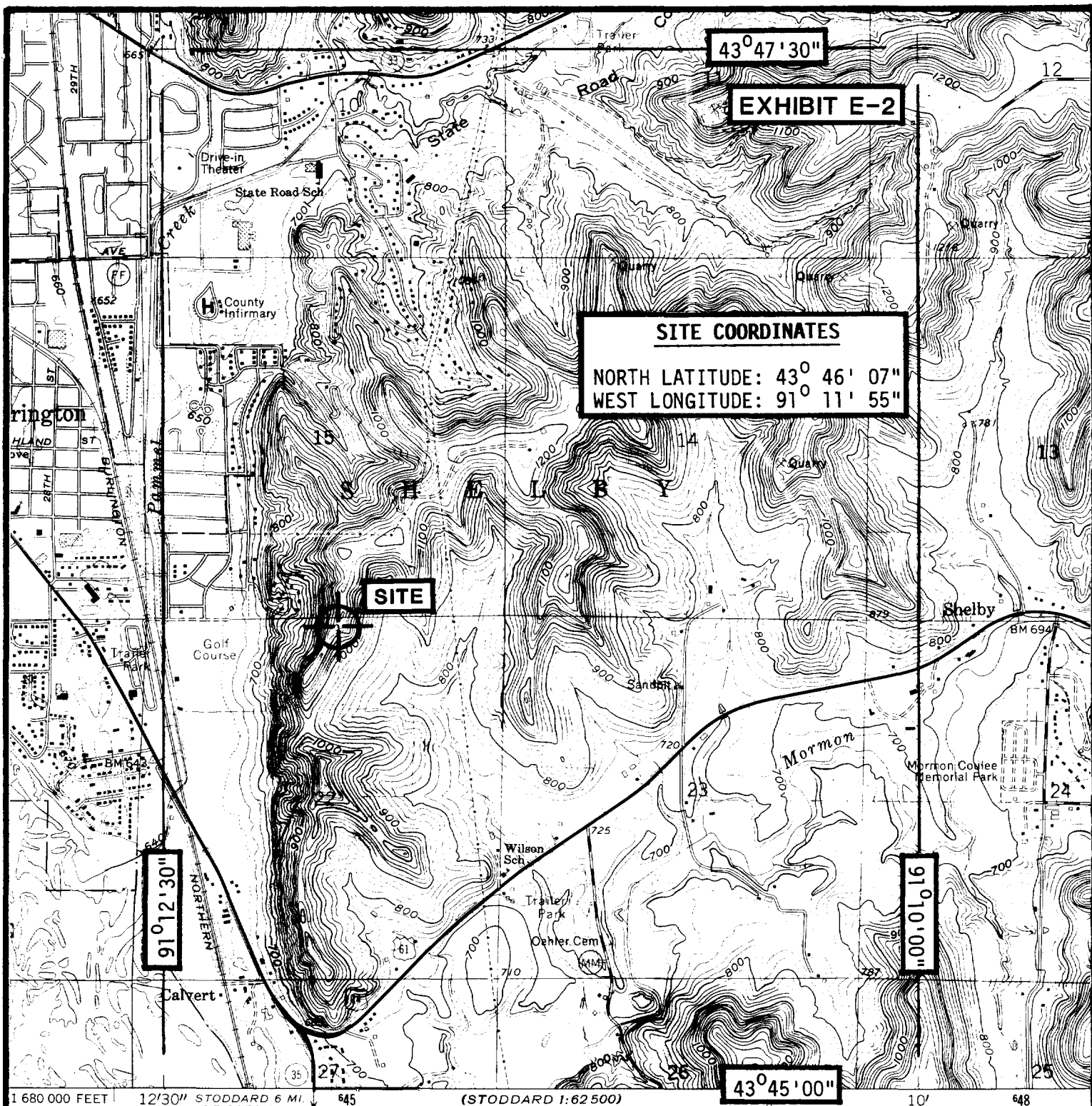


EXHIBIT E-1  
VERTICAL SKETCH  
FOR THE PROPOSED FM OPERATION AT  
LA CROSSE, WISCONSIN  
JANUARY 1991



1 680 000 FEET 12'30" STODDARD 6 MI. DE SOTO 23 MI. 645 (STODDARD 1:62 500) 10' 648

LA CROSSE, WIS.-MINN.  
SW/4 LA CROSSE 15' QUADRANGLE  
N4345—W9107.5/7.5

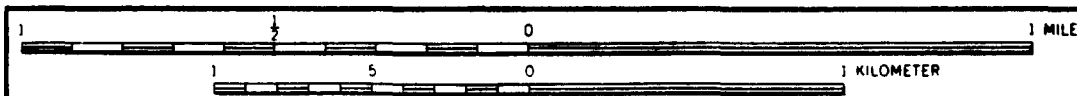
1963  
PHOTOREVISED 1974  
AMS 2771 1 SW—SERIES V861

CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 10-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

# TRANSMITTER SITE FOR THE PROPOSED FM OPERATION AT LA CROSSE, WISCONSIN JANUARY 1991

COHEN, DIPPELL and EVERIST, P.C. Consulting Engineers Washington, D.C.

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
AND BY THE WISCONSIN GEOLOGICAL AND NATURAL HISTORY SURVEY, MADISON, WISCONSIN 53706





ROAD CLASSIFICATION

Heavy duty \_\_\_\_\_ Light duty \_\_\_\_\_

Medium duty \_\_\_\_\_ Unimproved dirt \_\_\_\_\_

Interstate Route \_\_\_\_\_ U S Route \_\_\_\_\_ State Route \_\_\_\_\_

LA CROSSE, WIS. - MINN.

SW 1/4 LA CROSSE 1/4 QUADRAANGLE

N4345--W9107 5/7 5

1963

QUADRAANGLE LOCATION

LA CROSSE, WIS.—MINN  
SW/6 LA CROSSE 18 QUADRANGLE  
N4345—W9107 5/7 5

1968  
PHOTOREVISED 1974  
LAW 9931: 1-575, 8-575, 11-575, 12-575

TREMPEALEAU

EXHIBIT E-4

